iSimple®

Expand Your Factory Radio

add

iPod®

SUBARU

Forrester • Legacy
Outback • Tribeca
Impreza

Owner's Manual
Media Gateway
PXAMG

PGHSB1

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Table of Contents

	Pages
1. Introduction	2
2. Precautions	2
3. Compatibility Notes	2
4. Dipswitch Settings	3
5. Installation	3
6. iPod Operation	4
7. HD Radio Operation	5
8. Selecting Factory Satellite Radio	6
9. Troubleshooting	8
10. Warranty Info	9

Media Gateway & Optional Add-ons

Factory Radio
Not Included

Media Gateway Harness
Part #: PGHSB1

iPod
Not Included

11Ft. iPod Cable

Media Gateway
Part #: PXAMG

3Ft. HD Radio Cable
(sold with HDRT)

HD Radio®

HD Radio™ Tuner
(sold seperately)
Part #: HDRT

Antenna Adapter
(sold seperately)
Part #: BAA26

1. Introduction

Thank you for purchasing the iSimple® Media Gateway. The Media Gateway is designed to provide endless hours of listening pleasure from you factory radio. To ensure that your iPod performs correctly with your radio, we recommend that you read this entire manual before attempting installation of the Media Gateway.

The Media Gateway allows connectivity for iPod and the HD Radio tuner (HDRT sold separately), enabling full control of these devices from the factory installed radio. It also retains original system features such as satellite radio and rear seat entertainment (if equipped).

2. Precautions

UPDATING iPod FIRMWARE

For proper operation of the Media Gateway, your iPod must be updated with the most recent version of firmware from Apple. This is done on your computer. To update the software on the iPod go to: http://www.apple.com/ipod/download/. Follow the directions on the website to complete the download. There is no charge for this update.

PREVENTING DAMAGE TO YOUR VEHICLE OR IPOD.

Some installations require you to make wiring connections. To eliminate the risk of an electrical short, we recommend disconnecting the vehicle's battery prior to installation. If you do not feel comfortable making these connections, we suggest you seek professional installation. We recommend that the iPod be disconnected from the interface when the vehicle is not in use.

PROPER MOUNTING LOCATION

Securely install the interface in a location free from: heat, humidity, moving parts, sharp metal edges or direct sunlight. We recommend securing the interface to a suitable location using: double sided tape, Velcro™ or zip-ties.

3. Compatibility Notes

This section will inform you of the specific requirements for your factory radio to be compatible with the Media Gateway. These notes will inform you of any issues or circumstances that can affect the compatibility of our product with your radio, audio system or accessories. Not all factory radios are compatible with the Media Gateway. The Media Gateway will only work on models equipped with the specifications listed below. Please read and understand these notes before proceeding:

Radio Requirements

Radios that feature a "SAT" button are compatible*. This indicates that the required connection is present on the rear of the head unit and that the radio has the necessary functionality to operate the Media Gateway.

4. Dipswitch Settings

All 4 dipswitches MUST be set in the OFF (up) position for proper operation.

ALL VEHICLES

5. Installation

1. When making electrical connections it is always recommended that the vehicle's battery be disconnected from the electrical system before performing the installation

2. Carefully remove the trim panels covering the bolts that secure the radio into the dash cavity. Remove these bolts, and carefully pull the radio from the dash of the vehicle. This will provide access to the factory radio connectors where you will connect the Media Gateway harness.

3. Disconnect the factory 20-Pin harness from the back of the radio. Disconnect the AM/FM antenna from the radio.

5. Connect the 8-Pin mini-din iPod cable into the first port on the Media Gateway (furthest away from dipswitches). Carefully run the 11 foot iPod cable behind the dash to the location where the iPod will be mounted or stored (for example the glove box or center console). This location will vary based on the vehicle, and the customer's preference. When running this cable through the dash, be sure to secure it away from moving parts or sharp metal edges that may damage the cable.

5. If you are installing the HDRT HD Radio tuner (HDRT sold separately): Make the following connections before connecting the PXAMG to the vehicle. Plug the 3 foot HD Radio Cable (8-Pin mini-din to 8-Pin mini-din) cable into the second port (closest to the dipswitches) on the Media Gateway. Connect the other end of this cable into the HD Radio tuner. Connect the factory antenna cable into the antenna connection on the HD Radio tuner (HDRT). Some vehicles may require the use of a Best Kits BAA26 antenna adapter to make this connection.

6. Next, plug the 20-pin male connector on the PGHSB1 harness into the back of the factory radio, then connect the factory 20-pin harness into the female connector on the PGHSB1 harness. Be sure to make a firm connection but do not force it. Plug the black micro-fit 24-pin connector on the PGHSB1 harness into the PXAMG Media Gateway box.

7. To complete the installation, secure the Media Gateway (PXAMG) and HD Radio tuner (if present) into the cavity in the dash behind the radio. Be sure that the cables and interface modules are not near moving parts or sharp metal edges as they may damage the cables. To prevent rattling noises inside the dash, use zip ties, or electrical tape, or other fasteners to mount the interfaces to the factory wiring or installed audio components.

8. With all connections made, reconnect the vehicle's battery, insert the key into the ignition, and turn the vehicle on. Check for proper operation of the Media Gateway and HD Radio tuner before reinstalling the factory dash panels.

9. NOTE: The first time you access the Media Gateway, the radio may display "DEV INIT" while the device is initializing. If this is displayed, wait one minute or 60 seconds; cycle the ignition off and on. Now press the "SAT" button (Must press "SAT" button & then use the "Band" icon on navigation radios) to access the Gateway and begin normal operation.

6. iPod Operation

Entering Mode Select Menu
Press the SAT button repeatedly (Must press SAT button & then use the "Band" icon on navigation radios) until "iPod" is displayed on the screen. When you press the SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Media Gateway mode will be displayed (HD Radio-iPod-Aux-Sat 1 - Sat 2 - Sat 3)

Next Track
Press the SEEK ▲ button to advance one song in an Album or Playlist.

Previous Track
Press the SEEK ▼ button to move back one song in an Album or Playlist.

Fast Forward
Press PRESET 6 to Fast Forward the song that is playing.

Rewind
Press PRESET 5 to Rewind the song that is playing.

Display Options
Press the TEXT button to switch between the song title information and the play counter.

Entering Browse Menu / Select
Press PRESET 2 to enter the browse menu or to make a selection and while in the browse menu.

Menu UP
Press PRESET 1 to move back one step while in the browse menu.

Random
Press Preset 3 to toggle through the random modes.

Exit Browse Menu
Press PRESET 3 to exit the browse menu and continue playing the current song. “EXIT” will be displayed when the button is pressed.

Steering Wheel Controls
Press the ▲ or ▼ button on the steering wheel to advance or move back one song in an Album or Playlist

Browse by Artist
Press PRESET 2 to enter the browse menu.
The word “PL:LIST” will appear on the radio.
Press the Tune ▲ or Tune ▼ button until “ARTIST” is displayed.
Press PRESET 2 to select browse by Artist.
The list of Artists on your iPod will be displayed one at a time in alphabetical order. “AR:” will be displayed in front of the artist’s name to indicate that you are searching for an artist.
Press the Tune ▲ or Tune ▼ button to cycle through the artists.
When the desired artist is displayed on the radio,
Press PRESET 2 to select the artist and display the albums by that artist.
The Albums from the selected Artist will be displayed one at a time in alphabetical order.
“AL:” will be displayed in front of the name of the album to indicate you are searching for an album.
Press the Tune ▲ or Tune ▼ button to cycle through the albums.
Once the desired album is displayed,
Press PRESET 2 to select the desired Album.
The first song in the album will be displayed. “TR:” will be displayed in front of the song title to indicate that a “track” or song title is being displayed.
Press the Tune ▲ or Tune ▼ button to cycle through the songs in the selected album.
Songs are listed in the order in which they appear in the album, not alphabetically. Once the radio displays the name of the desired song,
Press PRESET 2 to select and play the desired song.
The display will automatically change to display the title of the chosen song.

7. HD Radio Operation

Entering Mode Select Menu
Press the SAT button repeatedly (Must press SAT button & then use the “Band” icon on navigation radios) until “HD-FM” or “HD-AM” is displayed on the screen. When you press the SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Media Gateway mode will be displayed (HD Radio-iPod-Aux-Sat 1 - Sat 2 - Sat 3).

Tune Up
Press and release the SEEK ▲ button to manually tune up. For navigation radios, turn the TUNE KNOB clockwise.

Seek Up
Press and hold the SEEK ▲ button to seek up to the next available station. In the Tribeca you must press the SEEK ▲ button twice.

Tune Down
Press and release the SEEK ▼ button to manually tune down. For navigation radios, turn the TUNE KNOB counter-clockwise.

Seek Down
Press and hold the SEEK ▼ button to seek down to the next available station. In the Tribeca you must press the SEEK ▼ button twice.

Changing Bands
Press the SAT button repeatedly (Must press SAT button & then use the "Band" icon on navigation radios) to cycle through FM1, FM2, FM3 and AM1.

Storing Radio Stations into Preset Memory
Once you have tuned to a station you wish to store as a Preset, press and hold one of the Preset buttons (1-6) for longer than two seconds to store the Preset into that location. The screen will display "PR SAVED" and your PRESET has been stored into memory.

Recall Stored Preset Stations
Press the Preset Button (1-6) that represents the station stored in memory that you wish to recall.

Displaying Text
Press the "TEXT" button to switch between the song title information and the play counter.
**Not all stations broadcast the artist and song title information.
*** NOTE: If the selected station supports HD Radio and the signal is strong enough the radio will auto-lock onto the HD Radio Station. The letters "HD1, HD2 or HD3" will follow the stations frequency when locked onto an HD station. The HD Radio will pick up both Digital and Analog radio signals. Multicast HD2 and
HD3 stations are digital only, and will not be available if the radio signal is too far away, causing a weak signal.

Steering Wheel Controls
Press the ▲ or ▼ button on the steering wheel to manually tune up or down.

Selecting Factory Installed Satellite Radio (If equipped)

Entering Mode Select Menu

Press the SAT button repeatedly (Must press SAT button & then use the “Band” icon on navigation radios) until “SAT” is displayed on the screen. When you press the “SAT” button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Gateway mode will be displayed (HD Radio-iPod-Aux-Sat 1 - Sat 2 - Sat 3) For instructions on the operation of the factory installed Satellite Radio tuner, please reference the owner’s manual supplied with the vehicle.

8. Troubleshooting

Symptom	Cause	Remedy
When I listen to the factory AM or FM radio there is only static, no audio.	Factory antenna cable is connected to the HD Radio tuner.	Use Gateway to access HD Radio source. This will provide all AM and FM reception for your vehicle.
No AM or FM reception using the HD Radio source	Factory antenna cable is not connected to the HD Radio tuner (HDRT)	remove from factory radio, connect into HDRT module. Note* some vehicles need to use the supplied antenna adaptor to make this connection.
Radio shows iPod not connected	iPod cable is not connected to iPod or Gateway.	Verify the docking cable is connected to the Media Gateway, and the iPod
I can not correctly control the iPod through the radio.	the iPod firmware may be out of date.	Update iPod firmware for free at http://www.apple.com/ipod/download
I have updated my iPod's firmware and still have control issues	sometimes the iPods needs to be reset	Press and hold the click wheel (center button) and the menu button for 10 seconds. This will reboot the iPod. YOU WILL NOT LOOSE MUSIC on the iPod by doing this reset
I don't see iPod artist or song information on the screen	the radio is displaying a different text field	Press the Text / Scan button to see text
I can't use my iPod's click wheel to select music	the iPod is in external control mode. This allows text to be displayed on the radio screen	Press the Aux / Sat button and select AUX 2 source to control the iPod manually using the click wheel
the Media Gateway does not recognize the HD Radio tuner (HDRT)	the Gateway needs to be reset when connecting a new component such as the HDRT	disconnect the Gateway interface from the vehicle. Let it sit without power for 5 minutes. Use the 8-pin to 8-pin HDRT cable to connect the Tuner to the Media Gateway, then connect to the vehicle

9. Warranty

One Year Limited Warranty

The quality controls used in the manufacture of this product will ensure your satisfaction. This warranty applies only to the original purchaser of this product from an authorized iSimple® dealer. This warranty covers any supplied or manufactured parts of this product that, upon inspection by iSimple® authorized personnel, is found to have failed in normal use due to defects in material or workmanship. This warranty does not apply to installation expenses. Attempting to service or modify this unit, operating this unit under conditions other than the recommended voltage will render this **WARRANTY VOID**.
Unless otherwise prescribed by law, iSimple® shall not be liable for any personal injury, property damage and or any incidental or consequential damages of any kind (including water damage) resulting from malfunctions, defects, misuse, improper installation or alteration of this product. All parts of this iSimple® product are guaranteed for a period of 1 year as follows:

Within the first 12 months from date of purchase, subject to the conditions above, iSimple® will repair or replace the product at their discretion, if it is defective in material or workmanship providing it is returned to an Authorized iSimple® dealer, with PROOF OF PURCHASE from an authorized iSimple® dealer.

Warning:

This equipment may be reset by unintentional electrostatic discharge during operation. Exposure to direct sunlight or extreme heat may cause damage or malfunction.

FCC Class B Radio Frequency

Interference Statement This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Re-orientate or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that of which the receiver is connected.
4. Consult the dealer or an experienced radio / television technical for help. Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Notes

Notes

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For Best Performance Have It Professionally Installed.